

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

|                            |   |                 |             |
|----------------------------|---|-----------------|-------------|
| In re Application of:      | : | Docket No.:     | 2002.744 US |
| VAN DER GEIZE, R. et al.   | : |                 |             |
|                            | : | Examiner:       | ----        |
| Filing Date:               | : |                 |             |
| Even Date Herewith         | : |                 |             |
| Int'l Application No.:     | : | Group Art Unit: | ----        |
| PCT/EP03/50928             | : |                 |             |
| Int'l Filing Date:         | : |                 |             |
| December 2, 2003           | : |                 |             |
|                            | : |                 |             |
| Title:                     | : |                 |             |
| NEW EXPRESSION SYSTEM FROM | : |                 |             |
| RHODOCOCCUS                | : |                 |             |

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

In accordance with the requirements of 37 CFR §1.56, applicants submit the documents attached hereto. Pursuant to the United States Patent and Trademark Office, OG Notice 05 August 2003, applicants have excluded the one (1) U.S. patent document from the attachment. A listing of said documents on form PTO-1449 is also attached. All documents listed on the PTO-1449 are to be made of record in the above-identified case.

The present Information Disclosure Statement is being filed concurrently with Applicants express request to enter the U.S. National Stage; therefore, no filing fee is believed to be required. If a filing fee is required, the Commissioner is hereby authorized to charge applicants' deposit account 01-1350 for the full amount of said fee.

A copy of the International Search Report dated June 4, 2004 is enclosed herewith.

This Statement is not intended to represent that no better art exists. Applicants reserve the right to contest the applicability of the documents attached hereto as prior art in the event that any information is discovered which demonstrates that said documents do not qualify as prior art.

Consideration of the present Information Disclosure Statement is respectfully requested. The claimed invention is, however, deemed to represent a patentable departure from the teachings of the prior art.

Respectfully submitted,



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|--|--|------------|-------------------|---------------------------------------|----------|--|----|
| <b>INFORMATION DISCLOSURE CITATION</b><br>(Use several sheets if necessary)<br><br>PTO-1449 (modified) |  |            |                   | Atty. Docket #<br><br>2002.744 US     |          | Serial No.<br><b>10/537201</b><br>Unassigned |    |
|  |  |            |                   | Applicant<br>VAN DER GEIZE, R. et al. |          |  |    |
|  |  |            |                   | Filing Date<br>Even Date Herewith     |          | Group Art Unit                               |    |
| <b>U.S. PATENT DOCUMENTS</b>   |  |            |                   |                                       |          |  |    |
| Init   | Document No.   | Date       | Name              | Class                                 | Subclass | Filing Date                                  |    |
|  | 4,683,202  | 07-1987    | Mullis            | 435                                   | 91       |  |    |
|  |  |            |                   |                                       |          |  |    |
|  |  |            |                   |                                       |          |  |    |
| <b>FOREIGN PATENT DOCUMENTS</b>  |  |            |                   |                                       |          |  |    |
|  | Document No.   | Publ. Date | Country           | Class                                 | Subclass | Translation                                  |    |
|  |  |            |                   |                                       |          | Yes  | No |
|  | WO 01/31050 A1   | 05-2001    | PCT International | C12P                                  | 33/00    |  |    |
|  |  |            |                   |                                       |          |  |    |
|  |  |            |                   |                                       |          |  |    |
| <b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)</b>                          |  |            |                   |                                       |          |  |    |
|  | International Search Report Application No. PCT/EP 03/50928 dated June 4, 2004.  |            |                   |                                       |          |  |    |
|  | Van der Geize, R. et al., "Targeted Disruption of the <i>kstD</i> Gene Encoding a 3-Ketosteroid delta1-Dehydrogenase Isoenzyme of <i>Rhodococcus erythropolis</i> Strain SQ1," Applied and Environmental Microbiology, Vol. 66, No. 5 (2000), pp. 2029-2036.   |            |                   |                                       |          |  |    |
|  | Van der Geize, R. et al., "Rhodococcus erythropolis hypothetical repressor protein KstR ( <i>kstR</i> ) and 3-ketosteroid dehydrogenase ( <i>kstD1</i> ) genes, complete cds," from EBI, data base accession no. AF096929, DNA, PRO; 2398 BP.  |            |                   |                                       |          |  |    |
|  | Molnar, I. et al., "Molecular cloning, expression in <i>Streptomyces lividans</i> , and analysis of a gene cluster from <i>Arthrobacter simplex</i> encoding 3-ketosteroid-delta1-dehydrogenase, 3-ketosteroid-delta 5-isomerase and a hypothetical regulatory protein," Molecular Microbiology, Vol. 15, No. 5 (1995), pp. 895-905. |            |                   |                                       |          |  |    |
|  | Kaufmann, G. et al., "Steroid-1-Dehydrogenase of <i>Rhodococcus Erythropolis</i> : Purification and N-Terminal Amino Acid Sequence," J. Steroid Biochem Molec. Biol., Vol. 43, No. 4 (1992), pp. 297-301.  |            |                   |                                       |          |  |    |
| EXAMINER   |  |            |                   | DATE CONSIDERED                       |          |  |    |
| /Nancy Vogel/  |  |            |                   | 07/07/2008                            |          |  |    |

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /N.V./